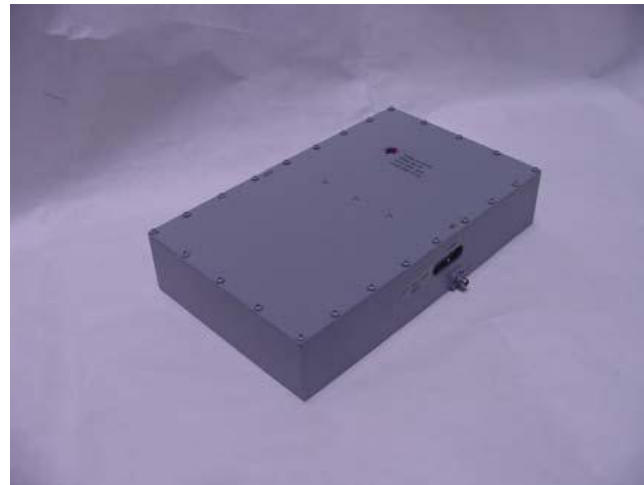




Model Number L59103

Ultra Linear GPS Filter/Amplifier

Rev.D
03/18/10



Features:

- L1+L2 Operation
- Ultra Linear Delay Passband
- Low Noise Figure
- Cavity Filter
- Discreet Amplifier
- Excellent out-of-band attenuation
- Sealed Enclosure

Applications:

- Base Station
- Test Equipment

Package size:

- 2.0 x 5.75 x 9.0"

(Please see outline for exact dimensions)

Requirement	Limit
Passband	1560.42 to 1590.42 MHz
Input VSWR	≤ 1.5:1 Max
Output VSWR	≤ 1.5:1 Max
RF Gain @ 1575.42 MHz	48 ± 3 dB
Noise Figure	≤ 2.0 dB @ +25°C
Passband Ripple-Amplitude (p-p)	≤ 1.5 dB
Passband Ripple-Group Delay (p-p)	≤ 2 nsec
Attenuation @ 1575 ± 50 MHz	≥ -80 dB
1 dB Compression Point @ 1575.42 MHz	≥ +10 dBm
Passband	1212.6 to 1242.6 MHz
Input VSWR	≤ 1.5:1 Max
Output VSWR	≤ 1.5:1 Max
RF Gain @ 1227.6 MHz	48 ± 3 dB
Noise Figure	≤ 2.0dB @ +25°C
Passband Ripple-Amplitude (p-p)	≤ 1.5 dB
Passband Ripple-Group Delay (p-p)	≤ 2 nsec
Attenuation @ 1227 ± 50 MHz	≥ -80 dB
1 dB Compression Point @ 1227.6 MHz	≥ +10 dBm
Input Voltage	+7 to +34 Vdc
Operating Temperature	-50°C to +70°C



Delta Microwave

300 Del Norte Blvd.
Oxnard, CA. 93030

Phone: 805.751.1100
Fax: 805.240.9544

email: sales@deltamicrowave.com
www.deltamicrowave.com



Author

Approved

Delta Microwave reserves the right to change specifications without notice. Please verify specification revision letter upon order placement.